

150W Switching Power Supplies

Features

- High Power and rugged design
- High Efficiency Design > 87%
- Short Circuit , Over-Voltage, Over-current Protection
- Detachable AC power cord



Applications

- Wireless Base Stations
- IP Phone and Security Camera Systems
- Telecommunications

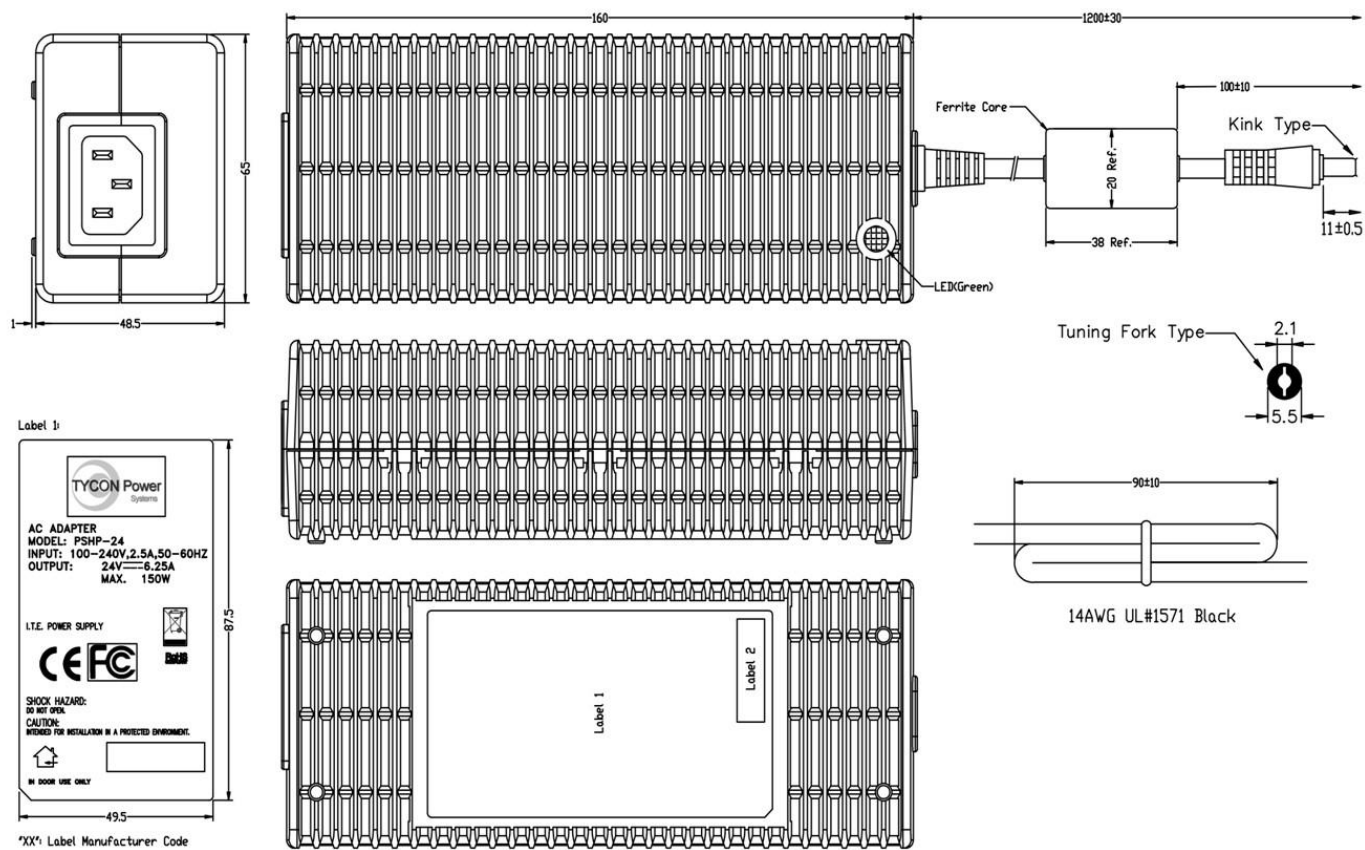
Description

The PSHP Series low cost, high efficiency, auto ranging switching power supplies have an impressive 150W capacity. They are designed for long life operation with an MTBF exceeding 40,000 hours. The PSHP are available in a North American plug or European Plug models.

Supplies are certified by UL, CE & comply with RoHS requirements. They meet California energy commission appliance efficiency regulations.

Specifications

	PSHP-18	PSHP-24	PSHP-48
Input Operating Range	100-264VAC 47-63Hz		
Input In-rush Current	100A Max		
Input Current	2.5A Max		
Output Voltage	18 VDC +/-0.9V	24 VDC +/-1.2V	48 VDC +/-2.4V
Continuous Load Current	7.5 A	6.25 A	3.2A
Ripple and Noise	250mVp-p Max		
Efficiency	87% Minimum		
Dielectric Strength	1800V rms / 50Hz, 1 sec, 10mA Max		
Protection	Short Circuit, Overshoot (10%), Over-Voltage, Over-Current		
MTBF	40,000 Hours		
Safety Standards	UL 60950-1, CUL 22.2 No.60950-1-03, TUV EN60950-1		
EMI Standards	FCC PART 15 CLASS B, CNS 13438 CLASS B, CISPR 22 CLASS B		
Harmonic Standard	IEC 61000-3-2 CLASS D		
Operating Temp	-10°C to 40°C (14°F to 104°F)		
Operating Humidity	20% to 80% non- condensing		
Storage Temp	-20°C to 85°C (-4°F to 185°F)		
DC Plug / Cable Length	5.5 x 2.1mm / 1200mm (48")		
Case Size	160 x 65 x 48.5mm (6.3 x 2.6 x 1.9")		
Weight	709 g (25 oz)		



Notes:

- All shipments F.O.B. Draper, UT 84020
- Tycon Power Systems PSHP Power Supplies carry a 1 year warranty

System Ordering:

- PSHP-18** 18V 150W Desktop Power Supply. 1.2m DC Cable with 5.5/2.1mm DC Plug, 1.2m AC power cord with North American 3 prong plug, UL, CE & RoHS certification
- PSHP-24** 24V 150W Desktop Power Supply. 1.2m DC Cable with 5.5/2.1mm DC Plug, 1.2m AC power cord with North American 3 prong plug, UL, CE & RoHS certification
- PSHP-48** 48V 150W Desktop Power Supply. 1.2m DC Cable with 5.5/2.1mm DC Plug, 1.2m AC power cord with North American 3 prong plug, UL, CE & RoHS certification

*Add EU suffix for Euro Plug model

For further information contact:

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